

Table C-49. Federal obligations for development, by agency and performer:
fiscal year 1995

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Total, all agencies	40,181,441	9,554,898	25,740,726	385,905	1,561,446	1,338,703	750,386	621,263	95,095	133,019
Departments:										
Department of Agriculture, total	80,201	75,863	0	0	3,691	0	311	0	23	313
Agricultural Marketing Service	617	617	0	0	0	0	0	0	0	0
Agricultural Research Service ²	54,662	51,911	0	0	2,104	0	311	0	23	313
Animal & Plant Hlth Inspection Svc	19,117	17,530	0	0	1,587	0	0	0	0	0
Forest Service	5,805	5,805	0	0	0	0	0	0	0	0
Department of Commerce, total	243,685	71,856	167,201	0	2,838	0	1,240	0	0	550
Bureau of the Census	1,926	1,926	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	191,190	22,081	167,032	0	327	0	1,200	0	0	550
Nat'l Oceanic & Atmospheric Admin	50,569	47,849	169	0	2,511	0	40	0	0	0
Department of Defense, total ³	30,028,100	7,343,310	21,042,366	74,263	529,603	191,076	303,228	452,260	1,293	90,701
Department of the Army	4,567,195	1,866,769	2,476,107	23,476	142,315	23,561	3,745	22,401	0	8,821
Department of the Navy	8,083,306	2,974,690	4,725,519	1,088	197,921	23,059	82,494	68,759	0	9,776
Department of the Air Force	10,963,449	723,479	9,904,415	14,082	22,979	37,506	2,371	257,770	448	399
Defense Agencies, total	6,161,460	1,575,853	3,904,552	35,617	166,388	106,800	214,218	85,482	845	71,705
Ballistic Missile Defense Organization	2,290,399	425,665	1,679,667	20,041	62,445	54,789	1,158	16,935	0	29,699
Defense Advanced Research Projects Agency ⁴	1,582,389	326,132	931,925	721	67,723	23,413	211,503	17,180	845	2,947
Defense Information Systems Agency	77,273	16,754	46,479	0	833	828	0	12,379	0	0
Defense Logistics Agency	26,488	9,750	12,657	0	4,081	0	0	0	0	0
Defense Mapping Agency	78,299	4,672	71,177	0	1,132	500	0	818	0	0
Defense Nuclear Agency	34,874	8,744	22,128	1,422	0	1,421	500	460	0	199
Joint Staff	4,154	3,656	498	0	0	0	0	0	0	0
Special Operations Command	224,699	50,958	134,473	3,767	0	0	0	0	0	35,501
Washington Headquarters Svcs ⁵	1,842,885	729,522	1,005,548	9,666	30,174	25,849	1,057	37,710	0	3,359
Operational Test & Evaluation, Director	21,707	7,937	0	0	0	150	400	13,220	0	0
Test & Evaluation, Deputy Under Secretary of Defense	230,983	194,582	31,773	0	0	0	0	4,628	0	0
Department of Defense, total advanced technology (at) ³	4,578,194	1,504,690	2,379,850	38,525	192,010	108,060	257,669	61,916	845	34,629
Department of the Army (at)	640,728	369,952	204,006	20,853	20,281	17,849	1,549	2,279	0	3,959
Department of the Navy (at)	413,927	176,220	149,647	0	38,412	8,013	39,661	1,323	0	651
Department of the Air Force (at)	565,686	158,681	361,092	880	16,953	14,229	2,249	11,268	0	334
Defense Agencies, total (at)	2,957,853	799,837	1,665,105	16,792	116,364	67,969	214,210	47,046	845	29,685
Ballistic Missile Defense Organization (at)	426,398	72,141	295,428	3,802	17,287	18,286	1,150	16,425	0	1,879
Defense Advanced Research Projects Agency (at) ⁴	1,547,656	291,399	931,925	721	67,723	23,413	211,503	17,180	845	2,947
Defense Logistics Agency (at)	19,097	6,765	8,251	0	4,081	0	0	0	0	0
Defense Nuclear Agency (at)	34,874	8,744	22,128	1,422	0	1,421	500	460	0	199
Joint Staff (at)	4,154	3,656	498	0	0	0	0	0	0	0
Special Operations Command (at)	93,197	19,365	51,100	1,431	0	0	0	0	0	21,301
Washington Headquarters Services (at) ⁵	832,477	397,767	355,775	9,416	27,273	24,849	1,057	12,981	0	3,359

See explanatory information, if any, and SOURCE at end of table.

Table C-49. Federal obligations for development, by agency and performer:
fiscal year 1995

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Department of Defense, total major systems (ms) ³	25,449,906	5,838,620	18,662,516	35,738	337,593	83,016	45,559	390,344	448	56,072
Department of the Army (ms)	3,926,467	1,496,817	2,272,101	2,623	122,034	5,712	2,196	20,122	0	4,862
Department of the Navy (ms)	7,669,379	2,798,470	4,575,872	1,088	159,509	15,046	42,833	67,436	0	9,125
Department of the Air Force (ms)	10,397,763	564,798	9,543,323	13,202	6,026	23,277	122	246,502	448	65
Defense Agencies, total (ms)	3,203,607	776,016	2,239,447	18,825	50,024	38,831	8	38,436	0	42,020
Ballistic Missile Defense Organization (ms)	1,864,001	353,524	1,384,239	16,239	45,158	36,503	8	510	0	27,820
Defense Advanced Research Projects Agency (ms) ⁴	34,733	34,733	0	0	0	0	0	0	0	0
Defense Information Systems Agency (ms)	77,273	16,754	46,479	0	833	828	0	12,379	0	0
Defense Logistics Agency (ms)	7,391	2,985	4,406	0	0	0	0	0	0	0
Defense Mapping Agency (ms)	78,299	4,672	71,177	0	1,132	500	0	818	0	0
Special Operations Command (ms)	131,502	31,593	83,373	2,336	0	0	0	0	0	14,200
Washington Headquarters Services (ms) ⁵	1,010,408	331,755	649,773	250	2,901	1,000	0	24,729	0	0
Operational Test & Evaluation, Director (ms)	21,707	7,937	0	0	0	150	400	13,220	0	0
Test & Evaluation, Deputy Under Secretary of Defense (ms)	230,983	194,582	31,773	0	0	0	0	4,628	0	0
Department of Education	39,268	2,020	3,808	0	16,334	0	16,030	0	1,076	0
Department of Energy	2,685,041	259,975	1,401,359	290,267	36,256	515,069	17,584	156,349	7,634	548
Dept of Health & Human Svcs, total	1,379,297	239,993	84,514	20,156	794,732	1,747	217,052	1,410	14,547	5,146
Administration on Aging	17,679	683	2,016	0	3,206	0	8,751	0	3,023	0
Admin for Children & Families	800	16	0	0	704	0	77	0	3	0
Agcy for Hlth Care Policy & Rsch	11,287	11,287	0	0	0	0	0	0	0	0
Health Resources & Services Admin ..	966	350	0	0	616	0	0	0	0	0
National Institutes of Health ⁶	1,348,242	227,628	82,498	20,156	790,206	1,747	207,930	1,410	11,521	5,146
Office of the Assistant Secretary for Health	323	29	0	0	0	0	294	0	0	0
Dept of Housing & Urban Dvlpmnt	27,651	18,281	5,198	0	319	0	3,853	0	0	0
Department of the Interior, total	29,177	18,178	9,681	0	697	0	0	0	621	0
Bureau of Reclamation	1,993	1,993	0	0	0	0	0	0	0	0
Geological Survey ⁷	14,140	4,247	9,643	0	250	0	0	0	0	0
National Biological Service ^{8 7}	13,000	11,932	0	0	447	0	0	0	621	0
Office of the Secretary	44	6	38	0	0	0	0	0	0	0
Department of Justice, total	32,110	14,454	469	0	1,756	0	6,438	0	8,993	0
Bureau of Prisons	2,475	532	0	0	0	0	0	0	1,943	0
Drug Enforcement Administration	400	50	350	0	0	0	0	0	0	0
Federal Bureau of Investigation	10,937	10,937	0	0	0	0	0	0	0	0
Office of Justice Programs	18,298	2,935	119	0	1,756	0	6,438	0	7,050	0
Department of Labor, total	25,500	2,633	3,992	0	149	0	1,777	0	16,949	0
Employment & Training Admin	21,388	1,600	2,063	0	0	0	1,026	0	16,699	0
Office of the Secretary	3,415	852	1,413	0	149	0	751	0	250	0
Pension Benefit Guaranty Corp	697	181	516	0	0	0	0	0	0	0
Department of Transportation, total	356,240	101,681	172,916	1,219	17,436	8,811	3,590	9,324	41,189	74
Coast Guard	14,789	10,640	4,149	0	0	0	0	0	0	0
Federal Aviation Administration	205,075	79,988	91,439	1,219	14,220	8,811	0	9,324	0	74
Federal Highway Administration	109,387	1,244	74,488	0	316	0	190	0	33,149	0
Federal Railroad Administration	4,000	2,900	1,000	0	100	0	0	0	0	0
Federal Transit Administration	17,858	3,230	388	0	2,800	0	3,400	0	8,040	0
Office of the Secretary	3,311	2,811	500	0	0	0	0	0	0	0
Research & Special Programs Admin ..	1,820	868	952	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table C-49. Federal obligations for development, by agency and performer:
fiscal year 1995**

[Dollars in thousands]

Page 3 of 3

Page 6 of 8

Agency and subdivision	Total	Intra- mural ¹	Extramural								Foreign
			United States and territories								
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts		
Department of the Treasury, total	12,434	5,919	6,515	0	0	0	0	0	0	0	0
Bureau of Engraving & Printing	476	476	0	0	0	0	0	0	0	0	0
Internal Revenue Service	3,901	3,901	0	0	0	0	0	0	0	0	0
United States Customs Service	7,745	1,500	6,245	0	0	0	0	0	0	0	0
United States Mint	312	42	270	0	0	0	0	0	0	0	0
Department of Veterans Affairs	19,054	17,554	0	0	1,500	0	0	0	0	0	0
Other agencies:											
Consumer Product Safety Commission ...	370	367	3	0	0	0	0	0	0	0	0
Environmental Protection Agency	149,894	61,053	40,793	0	34,169	0	11,196	0	1,733	950	0
International Dvlpmnt Cooperation											
Agency, total	29,819	4,802	1,073	0	1,491	0	19,561	0	0	2,892	0
Agency for Internat'l Dvlpmnt	29,819	4,802	1,073	0	1,491	0	19,561	0	0	2,892	0
Library of Congress	8,045	8,045	0	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,968,855	1,242,214	2,800,838	0	120,475	622,000	148,526	1,920	1,037	31,845	0
Tennessee Valley Authority	66,700	66,700	0	0	0	0	0	0	0	0	0

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ Not all Department of Defense (DoD) agencies with development obligations are able to categorize these obligations according to the advanced technology and major systems development breakdown. Therefore, total DoD development does not equal the sum of total DoD advanced technology development and total DoD major systems development.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁷ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁸ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-50. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1996**

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by in- dus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Total, all agencies	40,499,162	9,492,771	26,594,812	353,568	1,331,339	1,216,451	765,631	537,541	74,879	132,170
Departments:										
Department of Agriculture, total	80,167	75,667	0	0	3,714	0	514	0	23	249
Agricultural Marketing Service	627	627	0	0	0	0	0	0	0	0
Agricultural Research Service ²	54,469	51,469	0	0	2,214	0	514	0	23	249
Animal & Plant Hlth Inspection Svc	19,731	18,231	0	0	1,500	0	0	0	0	0
Forest Service	5,340	5,340	0	0	0	0	0	0	0	0
Department of Commerce, total	274,594	72,625	197,364	0	2,497	0	1,443	0	0	665
Bureau of the Census	4,203	4,203	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	222,694	23,118	197,079	0	389	0	1,443	0	0	665
Nat'l Oceanic & Atmospheric Admin	47,697	45,304	285	0	2,108	0	0	0	0	0
Department of Defense, total ³	30,335,855	7,253,185	21,699,266	64,602	353,192	165,315	285,911	430,720	0	83,664
Department of the Army	4,184,285	1,854,466	2,239,628	9,035	20,165	31,720	3,539	21,255	0	4,477
Department of the Navy	7,862,513	2,791,393	4,692,702	3,045	198,281	16,034	83,524	66,562	0	10,972
Department of the Air Force	11,214,295	610,302	10,320,777	14,518	25,963	4,550	2,770	234,839	0	576
Defense Agencies, total	6,823,938	1,789,544	4,422,652	38,004	108,783	112,811	196,078	88,427	0	67,639
Ballistic Missile Defense Organization	2,828,285	525,582	2,133,187	18,297	42,273	49,969	98	18,125	0	40,754
Defense Advanced Research Projects Agency ⁴	1,477,359	297,017	884,272	1,431	51,865	33,765	190,573	18,436	0	0
Defense Information Systems Agency	54,821	14,256	31,350	0	0	289	3,770	5,156	0	0
Defense Logistics Agency	26,929	16,650	8,477	0	1,802	0	0	0	0	0
Defense Mapping Agency	58,888	3,569	52,687	0	1,039	250	0	1,343	0	0
Defense Nuclear Agency	26,406	7,589	15,334	597	0	1,536	946	404	0	0
Joint Staff	12,532	5,263	7,269	0	0	0	0	0	0	0
Special Operations Command	135,123	30,644	80,863	2,265	0	0	0	0	0	21,351
Washington Headquarters Svcs ⁵	2,203,595	888,974	1,209,213	15,414	11,804	27,002	691	44,963	0	5,534
Operational Test & Evaluation, Director	22,981	8,721	700	0	0	200	0	13,360	0	0
Test & Evaluation, Deputy Under Secretary of Defense	227,843	198,759	22,807	0	0	0	0	6,277	0	0
Department of Defense, total advanced technology (at) ³	4,828,725	1,510,673	2,695,604	20,373	150,956	100,182	242,743	76,206	0	31,988
Department of the Army (at)	763,597	323,063	400,001	1,757	12,690	16,661	964	6,356	0	2,105
Department of the Navy (at)	484,012	215,306	165,448	0	49,099	3,311	46,954	3,894	0	0
Department of the Air Force (at)	501,102	125,895	340,006	622	17,892	3,969	2,615	9,810	0	293
Defense Agencies, total (at)	3,080,014	846,409	1,790,149	17,994	71,275	76,241	192,210	56,146	0	29,590
Ballistic Missile Defense Organization (at)	684,733	106,594	520,366	0	8,091	16,960	0	17,635	0	15,087
Defense Advanced Research Projects Agency (at) ⁴	1,408,189	260,919	851,200	1,431	51,865	33,765	190,573	18,436	0	0
Defense Logistics Agency (at)	18,198	13,967	2,429	0	1,802	0	0	0	0	0
Defense Nuclear Agency (at)	26,406	7,589	15,334	597	0	1,536	946	404	0	0
Joint Staff (at)	12,532	5,263	7,269	0	0	0	0	0	0	0
Special Operations Command (at) ...	56,752	12,870	33,961	952	0	0	0	0	0	8,969
Washington Headquarters Services (at) ⁵	873,204	439,207	359,590	15,014	9,517	23,980	691	19,671	0	5,534

See explanatory information, if any, and SOURCE at end of table.

**Table C-50. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1996**

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by in- dus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Department of Defense, total major systems (ms) ³	25,507,130	5,742,512	19,003,662	44,229	202,236	65,133	43,168	354,514	0	51,676
Department of the Army (ms)	3,420,688	1,531,403	1,839,627	7,278	7,475	15,059	2,575	14,899	0	2,372
Department of the Navy (ms)	7,378,501	2,576,087	4,527,254	3,045	149,182	12,723	36,570	62,668	0	10,972
Department of the Air Force (ms)	10,713,193	484,407	9,980,771	13,896	8,071	581	155	225,029	0	283
Defense Agencies, total (ms)	3,743,924	943,135	2,632,503	20,010	37,508	36,570	3,868	32,281	0	38,049
Ballistic Missile Defense Organization (ms)	2,143,552	418,988	1,612,821	18,297	34,182	33,009	98	490	0	25,667
Defense Advanced Research Projects Agency (ms) ⁴	69,170	36,098	33,072	0	0	0	0	0	0	0
Defense Information Systems Agency (ms)	54,821	14,256	31,350	0	0	289	3,770	5,156	0	0
Defense Logistics Agency (ms)	8,731	2,683	6,048	0	0	0	0	0	0	0
Defense Mapping Agency (ms)	58,888	3,569	52,687	0	1,039	250	0	1,343	0	0
Special Operations Command (ms)	78,371	17,774	46,902	1,313	0	0	0	0	0	12,382
Washington Headquarters Services (ms) ⁵	1,330,391	449,767	849,623	400	2,287	3,022	0	25,292	0	0
Operational Test & Evaluation, Director (ms)	22,981	8,721	700	0	0	200	0	13,360	0	0
Test & Evaluation, Deputy Under Secretary of Defense (ms)	227,843	198,759	22,807	0	0	0	0	6,277	0	0
Department of Education	40,108	2,237	3,601	0	13,955	0	19,456	0	859	0
Department of Energy	2,376,367	221,809	1,225,203	253,200	30,556	530,376	12,663	96,726	5,428	406
Dept of Health & Human Svcs, total	1,389,591	240,170	90,880	34,633	746,923	1,264	253,854	1,706	13,904	6,257
Administration on Aging	3,533	683	0	0	0	0	2,850	0	0	0
Admin for Children & Families	700	14	0	0	616	0	70	0	0	0
Agcy for Hlth Care Policy & Rsch	6,186	6,186	0	0	0	0	0	0	0	0
Health Resources & Services Admin ...	1,250	350	0	0	900	0	0	0	0	0
National Institutes of Health ⁶	1,377,398	232,889	90,880	34,633	745,407	1,264	250,458	1,706	13,904	6,257
Office of the Assistant Secretary for Health	524	48	0	0	0	0	476	0	0	0
Dept of Housing & Urban Dvlpmt	22,793	10,474	9,430	0	869	0	2,020	0	0	0
Department of the Interior, total	25,502	14,601	9,551	0	1,350	0	0	0	0	0
Bureau of Reclamation	1,508	1,508	0	0	0	0	0	0	0	0
Geological Survey ⁷	23,975	13,087	9,538	0	1,350	0	0	0	0	0
Office of the Secretary	19	6	13	0	0	0	0	0	0	0
Department of Justice, total	53,664	38,884	700	355	700	0	10,275	0	2,750	0
Bureau of Prisons	2,800	500	0	0	0	0	0	0	2,300	0
Drug Enforcement Administration	1,155	100	700	355	0	0	0	0	0	0
Federal Bureau of Investigation	36,784	36,784	0	0	0	0	0	0	0	0
Office of Justice Programs	12,925	1,500	0	0	700	0	10,275	0	450	0
Department of Labor, total	21,858	1,332	4,947	0	90	0	4,817	0	10,672	0
Employment & Training Admin	17,787	700	3,557	0	0	0	2,858	0	10,672	0
Office of the Secretary	3,489	447	993	0	90	0	1,959	0	0	0
Pension Benefit Guaranty Corp	582	185	397	0	0	0	0	0	0	0
Department of Transportation, total	307,378	77,462	144,037	778	31,227	6,484	1,747	6,484	39,059	100
Coast Guard	15,027	10,843	4,184	0	0	0	0	0	0	0
Federal Aviation Administration	157,263	55,989	61,654	778	25,774	6,484	0	6,484	0	100
Federal Highway Administration	106,683	1,224	74,171	0	344	0	208	0	30,736	0
Federal Railroad Administration	10,375	3,362	722	0	218	0	0	0	6,073	0
Federal Transit Administration	10,494	1,519	295	0	4,891	0	1,539	0	2,250	0
Office of the Secretary	2,897	2,897	0	0	0	0	0	0	0	0
Research & Special Programs Admin ..	4,639	1,628	3,011	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table C-50. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1996**

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by in- dus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Department of the Treasury, total	13,371	6,178	7,193	0	0	0	0	0	0	0
Bureau of Engraving & Printing	889	889	0	0	0	0	0	0	0	0
Internal Revenue Service	3,446	3,446	0	0	0	0	0	0	0	0
United States Customs Service	8,811	1,800	7,011	0	0	0	0	0	0	0
United States Mint	225	43	182	0	0	0	0	0	0	0
Department of Veterans Affairs	22,384	21,384	0	0	1,000	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission ...	30	30	0	0	0	0	0	0	0	0
Environmental Protection Agency	104,941	42,743	28,559	0	23,922	0	7,838	0	1,213	666
International Dvlpmnt Cooperation										
Agency, total	19,751	2,252	277	0	869	0	8,137	0	0	8,216
Agency for Internat'l Dvlpmnt	19,751	2,252	277	0	869	0	8,137	0	0	8,216
Library of Congress	6,493	6,493	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	5,332,093	1,333,023	3,173,804	0	120,475	513,012	156,956	1,905	971	31,947
Tennessee Valley Authority	72,222	72,222	0	0	0	0	0	0	0	0

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ Not all Department of Defense (DoD) agencies with development obligations are able to categorize these obligations according to the advanced technology and major systems development breakdown. Therefore, total DoD development does not equal the sum of total DoD advanced technology development and total DoD major systems development.

⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.

⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁷ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

**Table C-51. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1997**

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Total, all agencies	38,890,206	8,707,574	25,912,874	333,998	1,538,943	1,099,456	683,674	452,533	74,615	86,539
Departments:										
Department of Agriculture, total	82,321	78,117	0	0	3,714	0	218	0	23	249
Agricultural Marketing Service	634	634	0	0	0	0	0	0	0	0
Agricultural Research Service ²	55,729	53,025	0	0	2,214	0	218	0	23	249
Animal & Plant Hlth Inspection Svc	20,565	19,065	0	0	1,500	0	0	0	0	0
Forest Service	5,393	5,393	0	0	0	0	0	0	0	0
Department of Commerce, total	227,284	73,320	149,708	0	2,638	0	1,115	0	0	503
Bureau of the Census	4,203	4,203	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	175,433	24,112	149,359	0	344	0	1,115	0	0	503
Nat'l Oceanic & Atmospheric Admin	47,648	45,005	349	0	2,294	0	0	0	0	0
Department of Defense, total ³	29,102,817	6,552,774	21,280,074	145,627	319,661	134,225	273,612	348,878	0	47,966
Department of the Army	3,701,237	1,862,822	1,771,496	2,550	29,921	14,065	3,526	14,814	0	2,043
Department of the Navy	6,727,846	2,493,296	3,889,227	3,342	175,604	15,928	80,437	64,685	0	5,327
Department of the Air Force	12,487,207	587,852	11,658,515	72,284	17,167	3,721	2,316	144,999	0	353
Defense Agencies, total	5,913,470	1,381,132	3,936,250	67,451	96,969	100,511	187,333	103,581	0	40,243
Ballistic Missile Defense Organization	2,471,397	440,721	1,910,540	11,816	32,736	41,707	0	18,140	0	15,737
Defense Advanced Research Projects Agency ⁴	1,389,016	261,740	843,149	2,380	50,178	28,760	185,572	17,237	0	0
Defense Information Systems Agency	64,756	15,742	43,100	0	0	0	942	4,972	0	0
Defense Logistics Agency	30,804	20,892	5,081	0	4,831	0	0	0	0	0
Defense Mapping Agency	95,168	9,592	83,926	0	900	0	0	750	0	0
Defense Nuclear Agency	27,465	6,455	17,960	1,669	0	804	477	100	0	0
Joint Staff	38,776	35,286	3,490	0	0	0	0	0	0	0
Special Operations Command	110,565	25,074	66,165	1,853	0	0	0	0	0	17,473
Washington Headquarters Svcs ⁵	1,685,523	565,630	962,839	49,733	8,324	29,240	342	62,382	0	7,033
Operational Test & Evaluation, Director	22,011	7,687	700	0	0	0	0	13,624	0	0
Test & Evaluation, Deputy Under Secretary of Defense	251,046	219,985	23,886	0	0	0	0	7,175	0	0
Department of Defense, total advanced technology (at) ³	4,101,191	1,159,366	2,361,385	22,471	147,274	75,093	238,740	64,929	0	31,933
Department of the Army (at)	470,068	242,190	200,930	1,300	16,293	3,575	902	2,885	0	1,993
Department of the Navy (at)	449,135	169,611	173,882	0	49,880	2,648	49,149	3,965	0	0
Department of the Air Force (at)	486,948	132,857	322,924	680	15,896	3,650	2,298	8,364	0	279
Defense Agencies, total (at)	2,695,040	614,708	1,663,649	20,491	65,205	65,220	186,391	49,715	0	29,661
Ballistic Missile Defense Organization (at)	559,851	76,371	432,995	0	4,572	12,482	0	18,140	0	15,291
Defense Advanced Research Projects Agency (at) ⁴	1,305,279	221,117	800,035	2,380	50,178	28,760	185,572	17,237	0	0
Defense Logistics Agency (at)	24,993	18,162	2,000	0	4,831	0	0	0	0	0
Defense Nuclear Agency (at)	27,465	6,455	17,960	1,669	0	804	477	100	0	0
Joint Staff (at)	38,776	35,286	3,490	0	0	0	0	0	0	0
Special Operations Command (at) ...	46,437	10,531	27,790	779	0	0	0	0	0	7,337
Washington Headquarters Services (at) ⁵	692,239	246,786	379,379	15,663	5,624	23,174	342	14,238	0	7,033

See explanatory information, if any, and SOURCE at end of table.

**Table C-51. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1997**

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Department of Defense, total major systems (ms) ³	25,001,626	5,393,408	18,918,689	123,156	172,387	59,132	34,872	283,949	0	16,033
Department of the Army (ms)	3,231,169	1,620,632	1,570,566	1,250	13,628	10,490	2,624	11,929	0	50
Department of the Navy (ms)	6,278,711	2,323,685	3,715,345	3,342	125,724	13,280	31,288	60,720	0	5,327
Department of the Air Force (ms)	12,000,259	454,995	11,335,591	71,604	1,271	71	18	136,635	0	74
Defense Agencies, total (ms)	3,218,430	766,424	2,272,601	46,960	31,764	35,291	942	53,866	0	10,582
Ballistic Missile Defense Organization (ms)	1,911,546	364,350	1,477,545	11,816	28,164	29,225	0	0	0	446
Defense Advanced Research Projects Agency (ms) ⁴	83,737	40,623	43,114	0	0	0	0	0	0	0
Defense Information Systems Agency (ms)	64,756	15,742	43,100	0	0	0	942	4,972	0	0
Defense Logistics Agency (ms)	5,811	2,730	3,081	0	0	0	0	0	0	0
Defense Mapping Agency (ms)	95,168	9,592	83,926	0	900	0	0	750	0	0
Special Operations Command (ms)	64,128	14,543	38,375	1,074	0	0	0	0	0	10,136
Washington Headquarters Services (ms) ⁵	993,284	318,844	583,460	34,070	2,700	6,066	0	48,144	0	0
Operational Test & Evaluation, Director (ms)	22,011	7,687	700	0	0	0	0	13,624	0	0
Test & Evaluation, Deputy Under Secretary of Defense (ms)	251,046	219,985	23,886	0	0	0	0	7,175	0	0
Department of Education	45,421	2,353	6,324	0	14,501	0	21,252	0	991	0
Department of Energy	2,320,066	255,352	1,239,870	162,517	41,131	500,877	19,465	94,164	6,306	384
Dept of Health & Human Svcs, total	1,416,744	173,421	64,779	24,686	955,349	901	182,022	1,216	9,910	4,460
Administration on Aging	3,191	341	0	0	0	0	2,850	0	0	0
Admin for Children & Families	1,478	29	0	0	1,301	0	148	0	0	0
Agcy for Hlth Care Policy & Rsch	7,000	7,000	0	0	0	0	0	0	0	0
National Institutes of Health ⁶	1,404,525	166,001	64,779	24,686	954,048	901	178,524	1,216	9,910	4,460
Office of the Assistant Secretary for Health	550	50	0	0	0	0	500	0	0	0
Dept of Housing & Urban Dvlpmnt	28,774	14,203	10,404	0	617	0	3,550	0	0	0
Department of the Interior, total	27,352	16,033	9,849	0	1,470	0	0	0	0	0
Bureau of Reclamation	1,911	1,911	0	0	0	0	0	0	0	0
Geological Survey ⁷	25,441	14,122	9,849	0	1,470	0	0	0	0	0
Department of Justice, total	58,454	37,879	0	400	1,700	0	7,800	0	10,675	0
Bureau of Prisons	2,800	500	0	0	0	0	0	0	2,300	0
Drug Enforcement Administration	450	50	0	400	0	0	0	0	0	0
Federal Bureau of Investigation	34,829	34,829	0	0	0	0	0	0	0	0
Office of Justice Programs	20,375	2,500	0	0	1,700	0	7,800	0	8,375	0
Department of Labor, total	19,167	3,818	3,863	0	0	0	2,521	0	8,965	0
Employment & Training Admin	14,942	778	2,988	0	0	0	2,211	0	8,965	0
Office of the Secretary	3,624	2,851	463	0	0	0	310	0	0	0
Pension Benefit Guaranty Corp	601	189	412	0	0	0	0	0	0	0
Department of Transportation, total	311,362	91,374	133,754	768	37,111	6,406	606	6,400	34,893	50
Coast Guard	14,831	10,670	4,161	0	0	0	0	0	0	0
Federal Aviation Administration	156,130	59,411	52,825	768	30,270	6,406	0	6,400	0	50
Federal Highway Administration	126,729	16,033	75,656	0	341	0	206	0	34,493	0
Federal Railroad Administration	650	650	0	0	0	0	0	0	0	0
Federal Transit Administration	8,828	1,528	0	0	6,500	0	400	0	400	0
Office of the Secretary	2,808	2,808	0	0	0	0	0	0	0	0
Research & Special Programs Admin ..	1,386	274	1,112	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

**Table C-51. Preliminary Federal obligations for development, by agency and performer:
fiscal year 1997**

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by non- profit insti- tutions	State and local govts	
Department of the Treasury, total	10,454	6,215	4,239	0	0	0	0	0	0	0
Bureau of Engraving & Printing	828	828	0	0	0	0	0	0	0	0
Internal Revenue Service	3,498	3,498	0	0	0	0	0	0	0	0
United States Customs Service	5,703	1,800	3,903	0	0	0	0	0	0	0
United States Mint	425	89	336	0	0	0	0	0	0	0
Department of Veterans Affairs	21,826	20,676	0	0	1,150	0	0	0	0	0
Other agencies:										
Environmental Protection Agency	170,418	69,412	46,379	0	38,848	0	12,729	0	1,970	1,080
International Dvlpmt Cooperation										
Agency, total	14,087	1,676	169	0	578	0	11,537	0	0	127
Agency for Internat'l Dvlpmt	14,087	1,676	169	0	578	0	11,537	0	0	127
Library of Congress	7,230	7,230	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,963,611	1,240,903	2,963,462	0	120,475	457,047	147,247	1,875	882	31,720
Tennessee Valley Authority	62,818	62,818	0	0	0	0	0	0	0	0

- ¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.
- ² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ³ Not all Department of Defense (DoD) agencies with development obligations are able to categorize these obligations according to the advanced technology and major systems development breakdown. Therefore, total DoD development does not equal the sum of total DoD advanced technology development and total DoD major systems development.
- ⁴ This agency's name changed to the Advanced Research Projects Agency on July 13, 1993, and it was changed back to Defense Advanced Research Projects Agency in February 1996.
- ⁵ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁶ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁷ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

NOTES: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997